

## CLAIMS

1. A device for removing membranous lead sulfate deposited on electrodes of a lead-acid battery due to sulfation, comprising a voltage detector, reference voltage generator, voltage comparator, oscillator, amplifier, waveform shaping circuit, negative pulse generator, and electrifying indicator, in which a pulse current having a short pulse width is outputted from said device to bring about a conductor skin effect, thereby to intensively dissolve a surface layer part of said membranous lead sulfate deposit on said electrodes.  
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2. The device set forth in claim 1, wherein said pulse width is less than 1  $\mu$ s.
3. The device set forth in claim 1 or 2, wherein said lead-acid battery to which said device is mounted is used as a power source of said device.